

Amendments to the Specification

Please replace [0001] with the following amended paragraph:

[0001] The present invention relates to a device for supplying air to fuel cells ~~as defined in more detail in the preamble of Claim 1.~~

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please add the following new heading before paragraph [0005]:

SUMMARY OF THE INVENTION

Please replace paragraph [0005] with the following amended paragraph:

[0005] ~~The~~An object of the present invention is to provide a device for supplying air to fuel cells which has a simple design and operates effectively.

Please delete paragraph [0006]

Please add the following new paragraph before paragraph [0007]:

[0006.1] The present invention provides a device for supplying air to fuel cells comprising a compressor situated upstream from the fuel cell and an expander situated downstream from the fuel cell. The compressor is designed as a claw compressor having at least two engaging compressor wheels and the expander is designed as a claw expander having at least two engaging expander wheels.

Please add the following new heading before paragraph [0009]:

BRIEF DESCRIPTION OF THE DRAWINGS

Please add the following new heading before paragraph [0014]:

DETAILED DESCRIPTION

Please replace paragraph [0016] with the following amended paragraph:

[0016] As is also apparent in Figure 1, compressor 5 is designed as a claw compressor and has two compressor wheels 7, 7' which in turn each have two compressor claws 8, 8'. Expander 6 is in principle identical to compressor 5 and has two expander wheels 9, 9' which in turn have expander claws 10, 10'. Due to the rotation of compressor wheels 7, 7', the gas, arriving at compressor 5 at an inlet 11, is taken in at a pressure P_1 and compressed to a pressure P_2 prevailing at an outlet 12, which is later explained in greater detail. The gas is supplied to fuel cell 1 using pressure P_2 . A pressure P_3 at which the gas is supplied to expander 6 at an inlet 13 of the expander prevails in the gas downstream from fuel cell 1. Due to the rotation of expander wheels [[9]] 9', the gas is expanded to a pressure P_4 which prevails at an outlet 14 of expander 6.